

Declaration and Power of Attorney  
Under Patent Cooperation Treaty  
35 USC §371(c)(4)

As a below named inventor, I hereby declare that:

my residence, post office address and citizenship are as stated below next to my name; that

I verily believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural names are named below) of the invention entitled: LIQUID CRYSTAL DISPLAY DEVICE, METHOD FOR MANUFACTURING THE SAME, AND METHOD FOR DRIVING A LIQUID CRYSTAL DISPLAY DEVICE described and claimed in the international application number PCT/JP99/04814 filed September 3, 1999 and as amended on October 6, 2000 (if any), the specification and claims of which I have reviewed and understand and for which I solicit a patent.

I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a), and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to my international application by me or my legal representatives or assigns, except as follows:

Japanese Patent Application No. H10-249356 filed on September 3, 1998  
Japanese Patent Application No. H11-068149 filed on March 15, 1999  
Japanese Patent Application No. H11-110282 filed on April 19, 1999  
Japanese Patent Application No. H11-157060 filed on June 3, 1999  
Japanese Patent Application No. H11-200102 filed on July 14, 1999

The priority of the above applications (if any), filed within a year prior to my international application is hereby claimed under 35 USC 119. I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the patent office:

Roger W. Parkhurst, Reg. No. 25,177; Charles A. Wendel, Reg. No. 24,453; Lawrence D. Eisen, Reg. No. 41,009.

ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO:  
PARKHURST & WENDEL, L.L.P., 1421 PRINCE STREET, SUITE 210, ALEXANDRIA, VIRGINIA 22314-2805, TELEPHONE (703) 739-0220.

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

3.	Full Name of Sole or First Inventor	Katsuji	HATTORI	
	Given Name	Middle Initial	Family Name	
*4.	Inventor's Signature	<u>Katsuji</u>	<u>Hattori</u>	
	Date of Signature	<u>February</u>	<u>2001</u>	
	Month	Day	Year	
6.	Residence	Takaraduka-shi City	Hyogo State or Province	JAPAN Country
7.	Citizenship	Japanese		
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\*IF THERE IS MORE THAN ONE INVENTOR USE PAGE 2 AND PLACE AN "X" HERE

**PAGE 2 OF U.S.A. DECLARATION FORM**  
**(Fill this page in a sole inventor application only)**

3 Typewritten Full Name of  
 Second Joint Inventor (if any)

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Middle Initial

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4 Inventor's Signature

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5 Date of Signature

February

5

2001

Year

6 Residence

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Citizenship

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7 Typewritten Full Name of  
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11 Date of Signature

February

5

2001

Year

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Middle Initial

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15 Date of Signature

February

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2001

Year

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JAPAN

17 Citizenship

City

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State or Province

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 address, including country)

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18 Note to Inventors: Please sign name on line 4 exactly as it appears in line 3 and insert the actual date of signing on line 5.  
 This form may be executed only when attached to the first page of the Declaration and Power of Attorney form and the specification (including claims)  
 to which it pertains.

**PAGE 3 OF U.S.A. DECLARATION** RM  
**Discard this page in a sole inventor application**

3 Typewritten Full Name of  
~~Second~~ Joint Inventor (if any)  
 Sixth

Yoshinori

Given Name

Middle Initial

TANAKA

Family Name

\*4 Inventor's Signature

*Yoshinori* *Tanaka*

5 Date of Signature

Month

*February*

Day

5

Year

2001

6 Residence

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Osaka

JAPAN

7 Citizenship

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State or Province

Country

8 Post Office Address

(Insert complete mailing  
address, including country)

2-5-17, Kuzuha-Misaki, Hirakata-shi, Osaka 573-1112 JAPAN

3 Typewritten Full Name of

~~Third~~ Joint Inventor (if any)  
 Seventh

Given Name

Middle Initial

Family Name

\*4 Inventor's Signature

is

5 Date of Signature

is

Month

Day

Year

6 Residence

City

State or Province

Country

7 Citizenship

8 Post Office Address  
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address, including country)

3 Typewritten Full Name of

~~Fourth~~ Joint Inventor (if any)

Eighth

Given Name

Middle Initial

Family Name

\*4 Inventor's Signature

is

5 Date of Signature

is

Month

Day

Year

6 Residence

City

State or Province

Country

7 Citizenship

8 Post Office Address  
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3 Typewritten Full Name of

~~Fifth~~ Joint Inventor (if any)

Ninth

Given Name

Middle Initial

Family Name

\*4 Inventor's Signature

is

5 Date of Signature

is

Month

Day

Year

6 Residence

City

State or Province

Country

7 Citizenship

8 Post Office Address  
(Insert complete mailing  
address, including country)

\*Note to Inventors: Please sign name on line 4 exactly as it appears in line 3 and insert the actual date of signing on line 5.

\*This form may be executed only when attached to the first page of the Declaration and Power of Attorney form and the specification (including claims) of the application to which it pertains.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :  
Katsuji HATTORI et al. :  
Serial No.: 09/786,160 :  
Filed: March 1, 2001 :  
For: LIQUID CRYSTAL DISPLAY DEVICE, METHOD  
FOR MANUFACTURING THE SAME, AND METHOD  
FOR DRIVING A LIQUID CRYSTAL DISPLAY DEVICE

REVOCATION OF POWER OF ATTORNEY, APPOINTMENT  
AND CERTIFICATION UNDER 37 CFR 3.73(B)

Hon. Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

The undersigned assignee of the above-identified application hereby revokes all previous Powers of Attorney and appoints the following attorneys with full power to prosecute the application, to make alterations and amendments therein, and to transact all business in the United States Patent Office connected therewith.

I hereby appoint the following attorney(s) and/or agent(s): Stephen A. Becker, Reg. No. 26,527; John G. Bisbikis, Reg. No. 37,095; Daniel Bucca, Reg. No. 42,368; Kenneth L. Cage, Reg. No. 26,151; Jennifer Chen, Reg. No. 42,404; Bernard P. Codd, Reg. No. 46,429; Lawrence T. Cullen, Reg. No. 44,489; Paul Devinsky, Reg. No. 28,553; Margaret M. Duncan, Reg. No. 30,879; Shamita De. Etienne-Cummings, Reg. No. 46,072; Ramyar M. Farid, Reg. No. 46,692; Brian E. Ferguson, Reg. No. 36,801; Michael E. Fogarty, Reg. No. 36,139; John R. Fuisz, Reg. No. 37,327; Willem F. Gadiano, Reg. No. 37,136; Keith E. George, Reg. No. 34,111; Matthew V. Grumbling, Reg. No. 44,427; John A. Hankins, Reg. No. 32,029; Eric J. Kraus, Reg. No. 36,190; Catherine Krupka, Reg. No. 46,227; Jack Q. Lever, Reg. No. 28,149; Raphael V. Lupo, Reg. No. 28,363; Burman Y. Mathis III, Reg. No. 44,907; Michael A. Messina, Reg. No. 33,424; Dawn L. Palmer, Reg. No. 41,238; Joseph H. Paquin, Jr., Reg. No. 31,647; Scott D. Paul, Reg. No. 42,984; William D. Pegg, Reg. No. 42,988; Robert L. Price, Reg. No. 22,685; Gene Z. Rubinson, Reg. No. 33,351; Mahshid D. Saadat; Reg. No. 48,218;

Joy Ann G. Serauskas, Reg. No. 27,952; David A. Spenard, Reg. No. 37,449; Arthur J. Steiner, Reg. No. 26,106; David L. Stewart, Reg. No. 37,578; Wesley Strickland, Reg. No. 44,363; Michael D. Switzer, Reg. No. 39,552; David M. Tennant, Reg. No. 48,362; Daniel S. Trainor, Reg. No. 43,959; Kelli N. Watson, Reg. No. 47,170; Cameron K. Weiffenbach, Reg. No. 44,488; Aaron Weisstuch, Reg. No. 41,557; Edward J. Wise, Reg. No. 34,523; Jeffrey A. Woller, Reg. No. 48,041; Alexander V. Yampolsky, Reg. No. 36,324; and Robert W. Zelnick, Reg. No. 36,976 all of

McDERMOTT, WILL & EMERY  
600 13th Street, N.W.  
Washington, DC 20005-3096

with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith, and all future correspondence should be addressed to them.

**CERTIFICATE UNDER 37 CFR 3.73(b)**

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

An Assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 011618, Frame 0452.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

The undersigned further declares that all statements made herein of its own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States

Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Respectfully submitted,

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Name: Hidemasa KITAGAWA  
Title: General Manager, IP Development Center,  
Authorized Signing Officer

Signature: H. Kitagawa  
Date: March 1, 2002